

MULTIMEDIA



UNIVERSITY

STUDENT ID NO

--	--	--	--	--	--	--	--	--	--

MULTIMEDIA UNIVERSITY

FINAL EXAMINATION

TRIMESTER 3, 2017/2018

DWD5038 – WEB DESIGN

(DBA Students)

1 JUNE 2018
9.00 a.m – 11.00 a.m
(2 Hours)

INSTRUCTIONS TO STUDENT:

1. This question paper consists of 8 pages with 2 sections.
2. **SECTION A:** Answer ALL Multiple Choice Questions on the OMR sheet given.
3. **SECTION B:** Answer ALL Structured Questions in the Answer Booklet provided.

Section A: Multiple Choice Questions (Total: 25 Marks)

Instruction: Answer *ALL* questions from this section and shade your answers on the OMR sheet provided.

1. Which of the following Internet Service Provider (ISP) was first introduced in Malaysia?
 - A. JARING
 - B. Maxis Berhad
 - C. Axiata Group Berhad
 - D. Telekom Malaysia Berhad
2. Data is transmitted through Internet in small packets which contain of the followings **EXCEPT**:
 - A. error-control
 - B. Internet speed log
 - C. sequencing information
 - D. address of its origin and destination
3. Which of the following protocol is the standard protocol for communicating over the Internet?
 - A. File Transfer Protocol (FTP)
 - B. Hypertext Transfer Protocol (HTTP)
 - C. Simple Mail Transfer Protocol (SMTP)
 - D. Transmission Control Protocol/ Internet Protocol (TCP/IP)
4. The _____ is an initial web page of Website.
 - A. web server
 - B. index page
 - C. webmaster
 - D. web browser
5. _____ is the unique address of the web page displayed in the browser window.
 - A. Unique Resource Link (URL)
 - B. Uniform Resource Link (URL)
 - C. Unique Resource Locator (URL)
 - D. Uniform Resource Locator (URL)
6. Which of the following is the **CORRECT** example of Internet Protocol Address version 4 (IPv4) format?
 - A. 255.A0.13.1
 - B. 192.07.12.84
 - C. 365.200.192.13
 - D. 365.365.365.365
7. Which of the following is **NOT** an example of HTML attribute?
 - A. scr
 - B. alt
 - C. color
 - D. width

Continued...

8. The following statements are correct about HTML **EXCEPT**:
- A. You can create HTML file using Notepad.
 - B. The HTML does not recognize line breaks.
 - C. All of HTML tags come with open and close tag.
 - D. Browser will open the file as web page only if the first and last tag are `<html>... </html>` tags.
9. What is the **CORRECT** syntax to write a comment in HTML file?
- A. `// This is my comment`
 - B. `/* This is my comment */`
 - C. `<-- This is my comment -->`
 - D. `<!-- This is my comment -->`
10. Which of the following heading tags produce the **LARGEST** font size in HTML?
- A. `<h10>`
 - B. `<h7>`
 - C. `<h6>`
 - D. `<h1>`
11. Which of the following HTML tags is equivalent to `<i>` tag?
- A. `<u>`
 - B. `<s>`
 - C. `<em>`
 - D. `<strong>`
12. By default, _____ tag precedes the items with a bullet.
- A. `<dl>`
 - B. `<ol>`
 - C. `<ul>`
 - D. `<li>`
13. In definition list, `<dd>` stands for _____
- A. Definition-List Term
 - B. Data-Definition Term
 - C. Data-Definition Definition
 - D. Definition-List Definition
14. JavaScript was originally called _____.
- A. Ajax
 - B. Java
 - C. Mocha
 - D. JQuery
15. What is the file extension for external JavaScript document?
- A. `.js`
 - B. `.jvs`
 - C. `.jv`
 - D. `.html`
16. In JavaScript, the escape character can be used inside the _____.
- A. alert box
 - B. drop box
 - C. prompt box
 - D. confirm box

Continued...

17. Which of the following escape characters can be used to display single quote in a string?

- | | |
|--------------------|--------------------|
| A. <code>/'</code> | C. <code>\'</code> |
| B. <code>/'</code> | D. <code>\'</code> |

18. Where can the JavaScript be inserted in HTML?

- A. In the `<head>` section only.
- B. In the `<body>` section only.
- C. In the `<head>` and `<body>` section.
- D. None of the above.

19. Which of the following is the **CORRECT** variable declaration in JavaScript?

- | | |
|-------------------------|--------------------------------|
| A. <code>var int</code> | C. <code>var _number</code> |
| B. <code>var new</code> | D. <code>var 2018stocks</code> |

20. `p { text-align: center; color: blue; }`

The above CSS segment code is written using _____ selector.

- | | |
|----------|-------------|
| A. id | C. element |
| B. class | D. grouping |

21. The followings are the values that can be used to specify colour in CSS **EXCEPT**:

- | | |
|---------------|-----------------------|
| A. bar code | C. colour names |
| B. RGB values | D. hexadecimal values |

22. What is the possible value for background-attachment in CSS?

- | | |
|-----------|-----------|
| A. float | C. repeat |
| B. scroll | D. hidden |

23. The followings are the possible value for font-size in CSS **EXCEPT**:

- | | |
|----------|--------------|
| A. 12px | C. 170% |
| B. small | D. heading 1 |

24. Which of the following CSS code is equivalent to `<strong>` in HTML?

- A. `font-value: Arial`
- B. `font-weight: bold`
- C. `font-style: italic`
- D. `text-decoration: underline`

Continued...

25. Which of the following codes represent the **INLINE** CSS?

- A. `<p style="color: blue;">Web Design</p>`
- B. `<head>
 <style>
 p {color: blue; }
 </style>
</head>`
- C. `<head>
 <link rel="stylesheet" type="text/css" href=
 "mystyle.css">
</head>`
- D. `<head>
 <style>
 p.april {color: blue;}
 p.may {color: red;}
 </style>
</head>`

Continued...

Section B: Structured Questions (Total: 75 Marks)*Instruction: Answer ALL questions from this section in the Answer Booklet provided.***QUESTION 1 – HTML [25 Marks]**

- (a) Write the HTML codes as shown in Figure 1.0. Insert an image named “haha.png” and set its width and height to 40px by 42px.

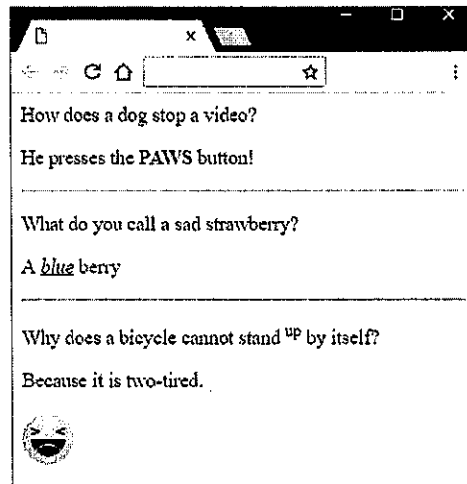


Figure 1.0 Screenshot of Q1a output.

(8 Marks)

- (b) Write the HTML codes as shown in Figure 1.1.

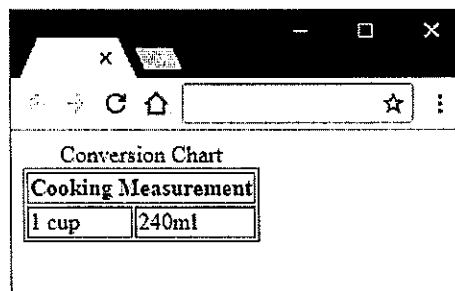


Figure 1.1 Screenshot of Q1b output.

(8 Marks)

- (c) Write the HTML codes as shown in Figure 1.2. The range for quantity order is 1 to 20.

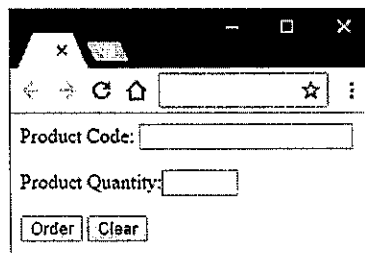


Figure 1.2 Screenshot of Q1c output.

(9 Marks)

Continued...

QUESTION 2 – JavaScript [25 Marks]

(a) Write the JavaScript segment code for the followings:

- i. To insert one line comment. (1 Mark)
- ii. To insert multiple line comments. (1 Mark)

(b) Write complete JavaScript code to display statements as shown in Figure 2.0.

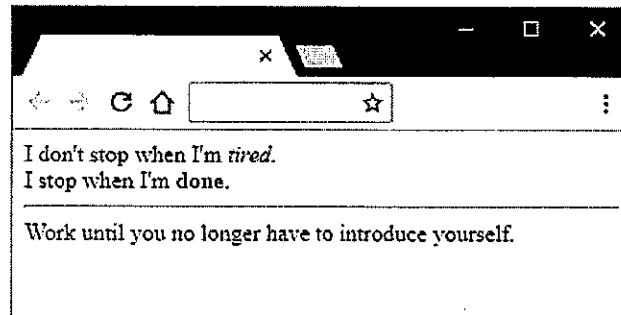


Figure 2.0 Screenshot of Q2b output.

(7 Marks)

(c) Write the value of Discount based on given value for qty in each case.

```
if (qty + 2 * 10 >= 50)
    Discount = 45;

else if (qty * 2 == 30)
    Discount = qty + 2;

else if (qty <= 20)
    Discount = qty;

else
    Discount = "invalid quantity"
```

- i. Case where qty = 20 (2 Marks)
- ii. Case where qty = zero (2 Marks)
- iii. Case where qty = 15 (2 Marks)
- iv. Case where qty = 30 (2 Marks)

Continued...

- (d) Refer to Figure 2.1 and 2.2. Write the JavaScript codes to calculate the total price for t-shirt based on the quantity entered by user. The unit price for a t-shirt is RM15.50. Declare "quantity", "qty", and "totalprice" as variables. Input from the user will be stored in variable named "quantity". (Hint: Use parseFloat to convert the string.)

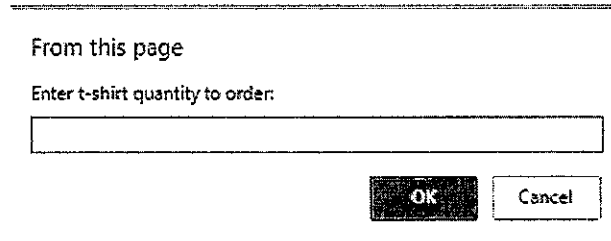


Figure 2.1 Screenshot of prompt box to get input from user.

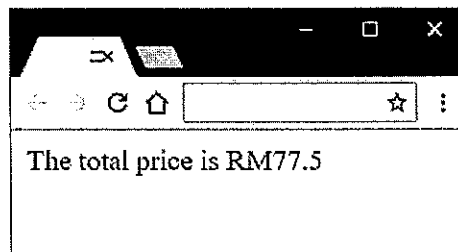


Figure 2.2 Screenshot of Q2d output.

(8 Marks)

Continued...

QUESTION 3 – CSS [25 Marks]

- (a) Write the complete HTML and **Internal CSS** (using **class selector**) to create the output that has “love.jpg” as its image background (refer Figure 3.0). The first paragraph is set to **centre** and **bold**, while second paragraph is set to **underline** with **right alignment**.

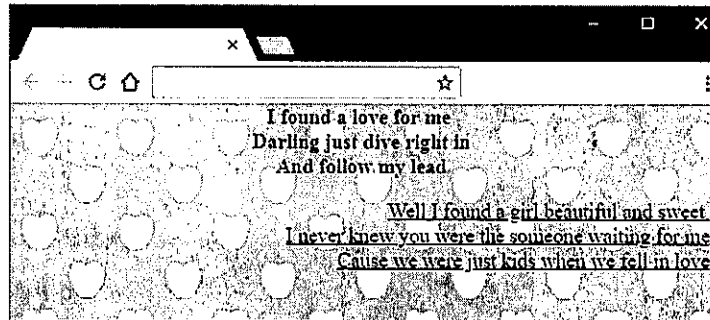


Figure 3.0 Screenshot of Q3a output.

(18 Marks)

- (b) Write the complete HTML and **Inline CSS** codes to create the output as shown in Figure 3.1.

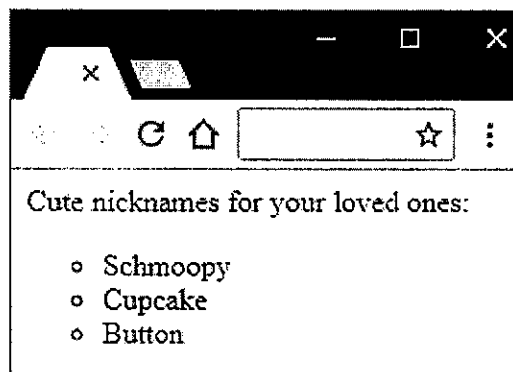


Figure 3.1 Screenshot of Q3b output.

(7 Marks)

End of Page.